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RAW SEQUENCE LISTING

DATE: 10/10/2002

PATENT APPLICATION: US/10/057,609B

TIME: 15:50:16

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3 <110> APPLICANT: KARNOSKY, DAVID F.
 4 PODILA, GOPI
 5 XIANG, BIXIA
 7 <120> TITLE OF INVENTION: TRANSGENIC TREES HAVING INCREASED RESISTANCE TO
 8 IMIDAZOLINONE HERBICIDES
 10 <130> FILE REFERENCE: 16313-0093
 12 <140> CURRENT APPLICATION NUMBER: 10/057,609B
 C--> 13 <141> CURRENT FILING DATE: 2002-10-02
 15 <150> PRIOR APPLICATION NUMBER: 60/264,216
 16 <151> PRIOR FILING DATE: 2001-01-25
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125 35 40 45
127 Ser Arg Arg Arg Gly Ile Lys Ser Ser Ser Pro Ser Ser Ile Ser Ala
128 50 55 60
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133 Pro Thr Lys Pro Glu Thr Phe Ile Ser Arg Phe Ala Pro Asp Gln Pro
134 85 90 95
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140 115 120 125
142 Ala Leu Thr Arg Ser Ser Ser Ile Arg Asn Val Leu Pro Arg His Glu
143 130 135 140
145 Gln Gly Gly Val Phe Ala Ala Glu Gly Tyr Ala Arg Ser Ser Gly Lys
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155 195 200 205
157 Thr Pro Ile Val Glu Val Thr Arg Ser Ile Thr Lys His Asn Tyr Leu
158 210 215 220
160 Val Met Asp Val Glu Asp Ile Pro Arg Ile Ile Glu Glu Ala Phe Phe
161 225 230 235 240
163 Leu Ala Thr Ser Gly Arg Pro Gly Pro Val Leu Val Asp Val Pro Lys
164 245 250 255
166 Asp Ile Gln Gln Gln Leu Ala Ile Pro Asn Trp Glu Gln Ala Met Arg
167 260 265 270
169 Leu Pro Gly Tyr Met Ser Arg Met Pro Lys Pro Pro Glu Asp Ser His
170 275 280 285
172 Leu Glu Gln Ile Val Arg Leu Ile Ser Glu Ser Lys Lys Pro Val Leu
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175 Tyr Val Gly Gly Gly Cys Leu Asn Ser Ser Asp Glu Leu Gly Arg Phe
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187 Ala Phe Gly Val Arg Phe Asp Asp Arg Val Thr Gly Lys Leu Glu Ala
188           370           375           380
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200           435           440           445
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203           450           455           460
205 Gln Tyr Ala Ile Lys Val Leu Asp Glu Leu Thr Asp Gly Lys Ala Ile
206 465           470           475           480
208 Ile Ser Thr Gly Val Gly Gln His Gln Met Trp Ala Ala Gln Phe Tyr
209           485           490           495
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214 Met Gly Phe Gly Leu Pro Ala Ala Ile Gly Ala Ser Val Ala Asn Pro
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217 Asp Ala Ile Val Val Asp Ile Asp Gly Asp Gly Ser Phe Ile Met Asn
218           530           535           540
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221 545           550           555           560
223 Leu Leu Leu Asn Asn Gln His Leu Gly Met Val Met Gln Trp Glu Asp
224           565           570           575
226 Arg Phe Tyr Lys Ala Asn Arg Ala His Thr Phe Leu Gly Asp Pro Ala
227           580           585           590
229 Gln Glu Asp Glu Ile Phe Pro Asn Met Leu Leu Phe Ala Ala Ala Cys
230           595           600           605
232 Gly Ile Pro Ala Ala Arg Val Thr Lys Lys Ala Asp Leu Arg Glu Ala
233           610           615           620
235 Ile Gln Thr Met Leu Asp Thr Pro Gly Pro Tyr Leu Leu Asp Val Ile
236 625           630           635           640
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VERIFICATION SUMMARY

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